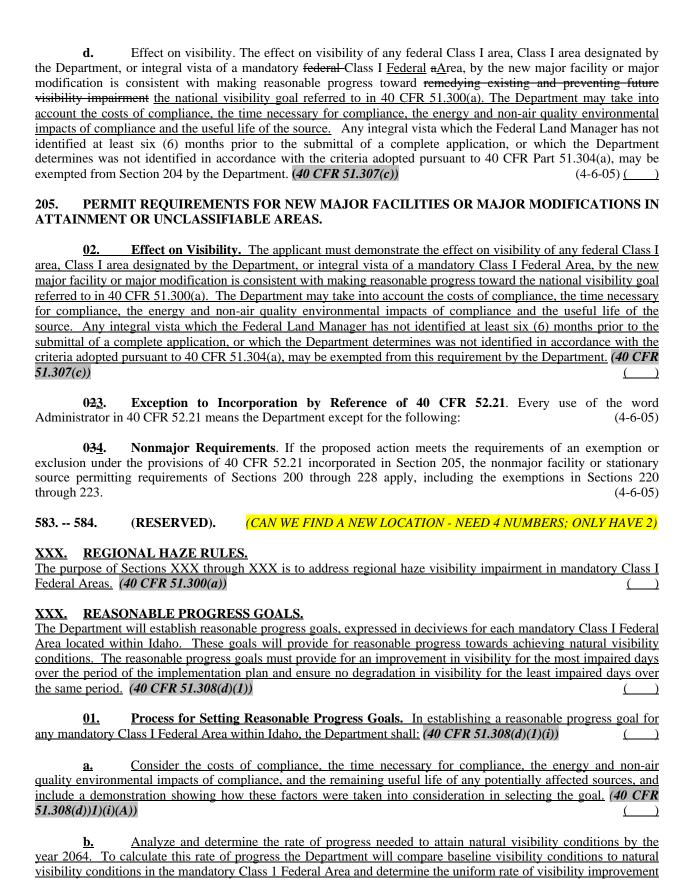
006. GENERAL DEFINITIONS.

	<u>XX.</u>	BART-Eligible Source. Any of the following stationary sources of air pollutants, including the following stationary sources of air pollutants are stationa	
		arce, which was not in operation prior to August 7, 1962, and was in existence on August 7	
		ential to emit two hundred fifty (250) tons per year or more of any air pollutant. In deter fugitive emissions, to the extent quantifiable, must be counted. (40 CFR 51.301)	()
	<u>a.</u>	Fossil-fuel fired steam electric plants of more than two hundred fifty (250) million BTU's p	er hour
heat inp	out;		()
	<u>b.</u>	Coal cleaning plants (thermal dryers):	()
	<u>c.</u>	Kraft pulp mills;	()
	<u>d.</u>	Portland cement plants;	()
	<u>e.</u>	Primary zinc smelters:	()
	<u>f.</u>	Iron and steel mill plants;	()
	<u>g.</u>	Primary aluminum ore reduction plants;	()
	<u>h.</u>	Primary copper smelters;	()
day;	<u>i.</u>	Municipal incinerators capable of charging more than two hundred fifty (250) tons of ref	use per
uay,	:	Hydrofluoric, sulfuric, and nitric acid plants;	()
	<u>i.</u>	•	
	<u>k.</u>	Petroleum refineries:	()
	<u>l.</u>	Lime plants;	()
	<u>m.</u>	Phosphate rock processing plants:	()
	<u>n.</u>	Coke oven batteries;	()
	<u>0.</u>	Sulfur recovery plants;	()
	<u>p.</u>	Carbon black plants (furnace process);	()
	<u>q.</u>	Primary lead smelters:	()
	<u>r.</u>	Fuel conversion plants;	()
	<u>s.</u>	Sintering plants:	()
	<u>t.</u>	Secondary metal production facilities;	()
	<u>u.</u>	Chemical process plants;	()
	<u>v.</u>	Fossil-fuel boilers of more than two hundred fifty (250) million BTU's per hour heat input;	
			()

(300.00	<u>w.</u> 0) barrels	Petroleum storage and transfer facilities with a capacity exceeding three hundred thousa	<u>.nd</u>
(200,00	o y currers	· · · · · · · · · · · · · · · · · · ·	
	<u>X.</u>	Taconite ore processing facilities;	_)
	<u>y.</u>	Glass fiber processing plants; and	_)
	<u>z.</u>	Charcoal production facilities.	_)
by-case quality the rem	t which i basis, ta environm aining us	Best Available Retrofit Technology (BART). Means an emission limitation based on the degicevable through the application of the best system of continuous emission reduction for easy emitted by an existing stationary facility. The emission limitation must be established, on a caking into consideration the technology available, the costs of compliance, the energy and non-tental impacts of compliance, any pollution control equipment in use or in existence at the source seful life of the source, and the degree of improvement in visibility which may reasonably ult from the use of such technology. (40 CFR 51.301)	se- air ce,
percepti calculat	on acros ed based	Deciview . A measurement of visibility impairment. A deciview is a haze index derived freextinction, such that uniform changes in haziness correspond to uniform incremental changes the entire range of conditions, from pristine to highly impaired. The deciview haze index on the following equation (for the purposes of calculating deciview, the atmospheric lightent must be calculated from aerosol measurements): (40 CFR 51.301)	in is
Where b	$\frac{\mathbf{a.}}{\mathbf{b}_{\text{ext}}} = \text{the}$	$\frac{\text{Deciview Haze Index} = 10 \ln_{e} (b_{ext}/10 \text{Mm}^{-1})}{\text{atmospheric light extinction coefficient, expressed in inverse megameters (Mm}^{-1})}$	_)
percent 51.301)	<u>XX.</u> (20%) o	Least Impaired Days. The average visibility impairment (measured in deciviews) for the twenty from monitored days in a calendar year with the lowest amount of visibility impairment. (40 City)	
percent 51.301)	<u>XX.</u> (20%) o	Most Impaired Days. The average visibility impairment (measured in deciviews) for the twenty from monitored days in a calendar year with the highest amount of visibility impairment. (40 C)	
terms of	XX. flight ext	Natural Conditions. Includes naturally occurring phenomena that reduce visibility as measured inction, visual range, contrast, or coloration. (40 CFR 51.301)	<u>in</u>
		Regional Haze. Visibility impairment that is caused by the emission of air pollutants from the sources are a wide geographic area. Such sources include, but are not limited to, major a sources, mobile sources, and area sources. (40 CFR 51.301)	
107.	INCOR	PORATIONS BY REFERENCE.	
into the	03. se rules:	Documents Incorporated by Reference . The following documents are incorporated by reference (5-1-9)	
		Requirements for Preparation, Adoption, and Submittal of Implementation Plans, Protection fication of Integral Vistas, Subsection a, 40 CFR Part 51.304(a), revised as of July 1, 2005. 304(a), 308(d) - change may be needed) (4-11-6)	
204. NONA		T REQUIREMENTS FOR NEW MAJOR FACILITIES OR MAJOR MODIFICATIONS IENT AREAS.	IN
the follo	02. owing:	Additional Requirements. The applicant must demonstrate to the satisfaction of the Departme (4-6-6)	

Draft Rules - Regional Haze

Version 4 - 5/26/06



(measured in deciviews) that would need to be maintained during each implementation period in order to attain natural visibility conditions by 2064. In establishing the reasonable progress the Department will consider the
uniform rate of improvement in visibility and the emission reduction measures needed to achieve it for the period covered by the implementation plan. (40 CFR 51.308(d)(1)(i)(B))
c. Consult with those States which may reasonably be anticipated to cause or contribute to visibility impairment in the mandatory Class I Federal Area.
O2. Justification for Reasonable Progress Goals. If the Department establishes a reasonable progress goal that provides for a slower rate of improvement in visibility than the rate that would be needed to attain natural conditions by 2064, the Department will demonstrate, based on the factors in Section XXX.01.a, that the rate of progress for the implementation plan to attain natural conditions by 2064 is not reasonable; and that the progress goal adopted by the Department is reasonable. The Department will provide to the public for review as part of its implementation plan an assessment of the number of years it would take to attain natural conditions if visibility improvement continues at the rate of progress selected by the Department as reasonable. (40 CFR 51.308(d)(1)(ii))
XXX. LONG-TERM STRATEGY FOR REGIONAL HAZE.
The purpose of this section is to develop a long-term strategy for making reasonable progress toward the national goal of preventing any future and remedying any existing impairment of visibility in mandatory Class I Federal Areas which impairment results from manmade air pollution. (40 CFR 51.300)
<u>NEED A CATCH LINE</u> . The Department will submit a long-term strategy that addresses regional haze visibility impairment for each mandatory Class I Federal Area within the State and for each mandatory Class I Federal Area located outside the State which may be affected by emissions from the State. 40 CFR 51.308(d)(3)
<u>NEED A CATCH LINE.</u> The long-term strategy must include enforceable emissions limitations compliance schedules, and other measures as necessary to achieve the reasonable progress goals established by the Department. 40 CFR 51.308(d)(3)
<u>NEED A CATCH LINE.</u> In establishing long-term strategy for regional haze, the Department will meet the following requirements: (40 CFR 51.308(d)(3)
a. The Department will document the technical basis, including modeling, monitoring and emissions information, on which the State is relying to determine its apportionment of emission reduction obligations necessary for achieving reasonable progress in each mandatory Class I Federal Area it affects. The Department may meet this requirement by relying on technical analyses developed by the regional planning organization and approved by all State participants. The Department will identify the baseline emission inventory on which its strategies are based. The baseline emissions inventory year is presumed to be the most recent year of the consolidated periodic emissions inventory. (40 CFR 51.308(d)(3)(iii)
b. The Department will identify all anthropogenic sources of visibility impairment considered by the Department in developing its long-term strategy. The Department should consider major and minor stationary sources, mobile sources, and area sources. (40 CFR 51.308(d)(3)(iv)
c. The Department will consider, at a minimum, the following factors in developing its long-term strategy: $(40 \ CFR \ 51.308(d)(3)(v))$
<u>i.</u> Emission reductions due to ongoing air pollution control programs, including measures to address reasonably attributable visibility impairment; (
<u>ii.</u> <u>Measures to mitigate the impacts of construction activities;</u> (
iii. Emissions limitations and schedules for compliance to achieve the reasonable progress goal;

<u>iv.</u>	Source retirement replacement schedules:)
<u>v.</u> as currently exis	Smoke management techniques for agricultural and forestry management purposes including t with the State for these purposes;	plans)
<u>vi.</u>	Enforceability of emissions limitations and control measures; and)
vii. emissions over the	The anticipated net effect on visibility due to projected changes in point, area, and mobile she period addressed by the long-term strategy.	ource)
04. long-term strates	NEED A CATCH LINE. The Department will undertake the following process in developing where interstate consultation is required.	ng the
	Where Idaho has emissions that are reasonably anticipated to contribute to visibility impairmed class I Federal Area located in another State or States, the Department will consult with the to develop coordinated emission management strategies.	
<u>b.</u> to contribute to v	The Department will consult with any other State having emissions that are reasonably anticivisibility impairment in any mandatory Class I Federal Area within Idaho. (40 CFR 51.308(d))	
the emission rec planning process reduction obligation	Where other States cause or contribute to impairment in a mandatory Class I Federal Area onstrate that it has included in its implementation plan all measures necessary to obtain its shall ductions needed to meet the progress goal for the area. If the State has participated in a region, the State must ensure it has included all measures needed to achieve its apportionment of emittions agreed upon through that process. (40 CFR 51.308(d)(3)(ii)	are of gional
The purpose of t	REQUIREMENT FOR REGIONAL HAZE. this Section is to implement the BART requirements in 40 CFR 51.308(e). The following and on is required for each BART-eligible source:	alysis)
01. the State. (40 CF	BART-Eligible Sources. The Department shall identify a list of all BART-eligible sources $\sqrt{R} 51.308(e)(1)(i)$	<u>vithin</u>
<u>02.</u> BART-eligible s	BART Determination. The Department shall complete a determination of BART for	
	source in the State that emits any air pollutant which may reasonably be anticipated to cau impairment of visibility in any mandatory Class 1 Federal Area. All such sources are subjections	ise or
contribute to any BART. (40 CFR	source in the State that emits any air pollutant which may reasonably be anticipated to cau impairment of visibility in any mandatory Class 1 Federal Area. All such sources are subjections	ect to
contribute to any BART. (40 CFR) a. Class I Federal A	source in the State that emits any air pollutant which may reasonably be anticipated to cau impairment of visibility in any mandatory Class 1 Federal Area. All such sources are subject 51.308(e)(1)(ii) A single source that is responsible for a one (1.0) deciview change or more in any mandatory Class 2.	lse or ect to) datory
contribute to any BART. (40 CFR) a. Class I Federal A b. Class I Federal A c. emission control that is subject to compliance; 2) ein use at the sou	A single source that is responsible for a one (1.0) deciview change or more in any mandarea is considered to "cause" visibility impairment. A single source that is responsible for a one-half (0.5) deciview change or more in any mandarea is considered to "cause" visibility impairment.	datory latory

Draft Rules - Regional Haze

Version 4 - 5/26/06

